

## PATENT ABSTRACTS OF JAPAN

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G02B 23/24**(21) Application number: **01256304**(71) Applicant: **OLYMPUS OPTICAL CO LTD**(22) Date of filing: **29.09.89**(72) Inventor: **IEOKA SHIYOUICHI****(54) VIDEO PROCESSOR FOR ELECTRONIC  
ENDOSCOPE****(57) Abstract:**

**PURPOSE:** To automatically execute the delay by the delay quantity corresponding to scope length in the case of fixed scope length by providing a means for inputting selectively an output of a first delaying circuit and an output signal of a second delaying circuit to a clamp/sampling circuit by an output of a scope discriminating circuit.

**CONSTITUTION:** An output of a pulse generating circuit 29 is connected to an input end of a variable delaying circuit 32 provided with an adjusting mechanism 33 for varying manually the delay quantity, and an output end of this variable delaying circuit 32 is connected to one end of a delay changeover switch 44. A clamp pulse is applied to a clock input end of a one shot multivibrator 35, and at a rise of a pulse a, a pulse B of pulse width corresponding to a time constant by a capacitor C and a variable resistance VR is outputted. This pulse B is delayed by a pulse of an input signal by a delay element 36 and becomes a signal C and inputted to a gate circuit 37, and also, not delayed and applied to an inversion input end of the gate circuit 37. Accordingly, a clamp pulse D delayed by pulse width by the one shot multivibrator 35 is outputted.

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